RUGGED Q470E





Robust mini PC for industrial, vehicle and outdoor applications

The RUGGED Q470E is a powerful, industrial mini PC that has been specially developed for demanding industrial applications, vehicle PC applications and outdoor installations. Equipped with an Intel® Core® i5-10500TE CPU with up to 6x 3.7 GHz, it offers sufficient computing power for monitoring, automation or digital signage systems. The computer is supported by up to 16 GB RAM and a 512 GB NVMe SSD, which can optionally be operated in RAID 0 or 1. The robust metal housing and fanless cooling guarantee reliable operation even in harsh environments.

Technische Daten

System

CPU	Intel® Core i5-10500TE (FCLGA1200, 6 cores)
Chipset	Intel® Q470E
GPU	Intel® UHD Graphics 630
RAM	16 GB SO-DDR4 (up to 64 GB)
SSD / HDD	512 GB M.2 NVMe SSD

I/Os

Front	1 x Power Button 2 x DisplayPort 1.2 2 x SIM Card Slot
Back	7 x Intel i210-AT LAN 1 x i219LM LAN (iAMT support) 4 x USB 3.0 4 x USB 3.1 Gen2

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Do you need consultation?
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I/Os

	4 x COM RS232 / 422 / 485

Environment / Mass

Dimensions (W x D x H)	242 mm x 240 mm x 85 mm
Ambient conditions (operation)	-40°C to +70°C
Cooling	passive
Idle power consumption in W	30
Wall bracket	included

Extensions

M.2	3 x KeyM 2280 , KeyB 2242 / 3042 / 2252 / 3052 , KeyA-E 2230

Miscellaneous

Operating system	Windows 10 / 11, Linux
PSU	9V – 60V / 3.66 – 24-44A
Standards & Certificates	CE, FCC Class A, E13
Class A warning	The device is intended for use in industrial environments. Operation of this device may cause radio interference in residential areas.
Warning for 802.11a use	If you want to use the WLAN module according to 802.11a in the 5 GHz range: Use in the 5150 MHz – 5350 MHz frequency range is only permitted indoors!

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